

Split - 2
Work Order ID 84628

84628

Page 1

Item ID: D3943-041

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Ground Handling Crank Assembly

Start Date: 17/05/2012 Start Qty: 1.00

4

Cust Item ID:

Required Date: 31/05/2012 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: *MLJ*

Date: *12/05/17*

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3943	E								
100		0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <i>17024</i>								
	Purchase Part Number: 8143919								
	Supplier: Princess Auto								
	Certificate of conformity is required								
	Description: 4000 lbs lever chain hoist								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.00							
Packaging	Ensure material certification is attached								

CL 12/05/22 (6)

12/05/22 (6)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 84628

84628

Page 2

May-17-12 11:50:37 AM

Item ID: D3943-041 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Ground Handling Crank Assembly
 Start Date: 17/05/2012 Start Qty: 4.00 *4* Cust Item ID:
 Required Date: 31/05/2012 Req'd Qty: 4.00 *4* Customer:
 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

120 QC6- Inspect dimensions to drawing 0.00

120

QC

Memo

Quality Control

130

130

Large Fab

Large Fab

Memo

1-Disassemble chain host as per dwg

2-Drill handle ass'y (D3943-051) as per dwg

0.00

0.00

0.00

5/21/05/129

(4)

EL 12-8-13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: ~~W/C~~ Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 84628

84628

Page 3

May-17-12 11:50:37 AM

Item ID: D3943-041 Accept *N9000040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Ground Handlling Crank Assembly
 Start Date: 17/05/2012 Start Qty: 4.00 *4* Cust Item ID:
 Required Date: 31/05/2012 Req'd Qty: 4.00 *4* Customer:
 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140	QC5- Inspect part completeness to step on W/O	0.00							
140		0.00							
QC	Memo	0.00							
Quality Control									
180	Pick Kit	0.00							
180		0.00							
Packaging	Memo	0.00							
Packaging									
190		0.00							
190		0.00							
Large Fab	Memo	0.00							
Large Fab	1-Assemble as per dwg (assy landyard CBL-1240 to CBL-460) 2- touch up with paint if necessary								

X4
 EL/PS 12/07/20
 EL/PS 12/07/20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Work Order ID 84628

84628

Page 4

May-17-12 11:50:37 AM

Item ID: D3943-041 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Ground Handlling Crank Assembly
 Start Date: 17/05/2012 Start Qty: 4.00 *4* Cust Item ID:
 Required Date: 31/05/2012 Req'd Qty: 4.00 *4* Customer:
 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

200 QC5- Inspect part completeness to step on W/O 0.00

200

QC

Quality Control

Memo

1-Calibrate and tag as per dwg and QSI 008 4.4
 Calibration Cert. filled out

0.00

0.00

CALIBRATION
 ID D3943-041 884628-2
 BY E DATE 12/06/13
 DUE 1 year after service

210

210

Packaging

Packaging

Identify as per dwg & Stock Location: _____

0.00

0.00

Memo

220

220

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

0.00

Memo

(4) 6/8/13 SP

MLJ 12/08/13

MF 12-08-13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May-17-12 11:50:41 AM

Page 1

Work Order ID: 84628

84628

Parent Item: D3943-041

D3943-041

Parent Item Name: Ground Handling Crank Assembly

Start Date: 17/05/2012

Required Date: 31/05/2012

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP Rev:A New Issue 09-06-02 EC Verified By: JLM IPP RevB:
add DEO DD 09.11.18 verified by:JLM IPP Rev:C as per dwg
REV.C DD 10.02.22 verified by:EC IPP REV:D 11.08.16 AS PER
REV.E DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4405-1

Manufactured

No

180

Each

14.0000

1

4

D4405-1

Eye and Fork Swivel

**

EL 12-8-9

Location

Loc Qty

Loc Code

WA

14

70986

5

78913

4

84352

5

2

2

8143919

Purchased

No

110

Each

0.0000

1

4

8143919

Lever Chain Hoist

D3943-051

Manufactured

No

180

Each

0.0000

1

4

D3943-051

Handle Assembly

D3943-053

Manufactured

No

180

Each

0.0000

1

4

D3943-053

Chain Assembly

D3943-3

Manufactured

No

180

Each

9.0000

1

4

D3943-3

Handle Extension

**

EL 12-7-30

Location

Loc Qty

Loc Code

st073

9

78174

9

6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Picklist Print

May-17-12 11:50:41 AM

Page 2

Work Order ID: 84628

84628

Parent Item: D3943-041

D3943-041

Parent Item Name: Ground Handlling Crank Assembly

Start Date: 17/05/2012

Required Date: 31/05/2012

Start Qty: 4.00

Required Qty: 4.00

CBL-1240
CBL-1240
Cable

Purchased No

180 f

404.4567

1 4

**

EP 12/07/26

Location

Loc Qty

Loc Code

GA

404.456659

113565

3.911789

119021

387.51147

119690

13.0334

6

CBL-460
CBL-460
Loop Sleeve

Purchased No

180 Each

836.0000

2 8

**

EP 12/07/26

Location

Loc Qty

Loc Code

GA

836

121574

836

12

D3585-1
D3585-1
Set Screw

Manufactured No

180 Each

62.0000

1 4

**

EL 12-8-9

Location

Loc Qty

Loc Code

GA

62

55705

62

4

D3949-041
D3949-041
Remove before Flight Flag Assembly

Manufactured No

180 Each

5.0000

1 4

**

EP 12/07/26

Location

Loc Qty

Loc Code

ST486

5

48280

5

5

B 85227 (1x)

May-17-12 11:50:41 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May-17-12 11:50:41 AM

Work Order ID: 84628

84628

Parent Item: D3943-041

D3943-041

Parent Item Name: Ground Handling Crank Assembly

Start Date: 17/05/2012

Required Date: 31/05/2012

Start Qty: 4.00

Required Qty: 4.00

D3954-7

Manufactured No

180

Each

2.0000

1

4

D3954-7

Ratchet Lug

**

EL 12-7-26

84942x4

Location

Loc Qty

Loc Code

ST097

2

80567

2

2

AN5-11A

Purchased No

180

Each

492.0000

1

4

AN5-11A

Bolt

**

EL 12-7-30

Location

Loc Qty

Loc Code

ST337

492

118191

13

119512

479

6

AN960-516

NAS1149F0563P

Purchased No

180

Each

68.0000

1

4

AN960-516

WASHER

**

EL 12-7-30

* 121350 x 4 - ~~1119546 x 6~~

Location

Loc Qty

Loc Code

ST337A

68

110098

68

MS21042L5

Purchased No

180

Each

1,509.000

1

4

MS21042L5

Nut

**

EL 12-7-30

Location

Loc Qty

Loc Code

300

500

121652

500

ST300

1009

116105

5

116548

43

117611

18

119109

943

6

May-17-12 11:50:41 AM

Shop Packet Print

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

May-17-12 11:50:41 AM

Work Order ID: 84628

84628

Parent Item: D3943-041

D3943-041

Parent Item Name: Ground Handlling Crank Assembly

Start Date: 17/05/2012

Required Date: 31/05/2012

Start Qty: 4.00

Required Qty: 4.00

S1475

Purchased

No

180

Each

7.0000

1

4

S1475

inventory

**

EL 12-7-30

Location

Loc Qty

Loc Code

ST396

7

117812

7

3408A59

Purchased

No

180

Each

3.0000

1

4

3408A59

BALL PLUNGER

**

EL 12-7-30

Location

Loc Qty

Loc Code

ST401

3

117829

3

M122028 x 3

HX-15

Purchased

No

180

Each

73.0000

1

4

HX-15

1/4-20 UNCx3/4 S.H.C S.

**

EL 12-7-30

Location

Loc Qty

Loc Code

Mezz

29

114383

29

ST390

44

117865

44

HX-16

Purchased

No

180

Each

203.0000

3

12

HX-16

**

EL 12-7-30

Location

Loc Qty

Loc Code

ST390

203

113771

68

117346

85

117865

50

May-17-12 11:50:41 AM

Shop Packet Print

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM No.	QTY -041	QTY -051	QTY -053	PART NUMBER	DESCRIPTION	PREFERRED SUPPLIER
1	* X			D3943-041	GROUND HANDLING CRANK ASSEMBLY	
5	1	X		D3943-051	HANDLE ASSEMBLY	
6	1		X	D3943-053	CHAIN ASSEMBLY	
11		1		D3943-1	HANDLE	M/F HANDLE FROM DIS-ASSEMBLED ITEM 39
12	1			D3943-3	HANDLE EXTENSION	
13		1		D3943-5	PLATE	
14		2		D3943-7	STUD	
15			1	D3943-9	CHAIN	USE CHAIN SUPPLIED WITH ITEM 39
16			1	D4405-1	EYE AND FORK SWIVEL	
21	1			D2690-4	LANYARD	
22	1			D3585-1	SET SCREW	
23	1			D3949-041	REMOVE BEFORE FLIGHT FLAG	
24			1	D3954-5	CHAIN LUG	
25	1			D3954-7	RATCHET LUG	
26			1	D3954-9	GWT CHAIN PIN	
31	1			AN5-11A	BOLT	
32	1			AN960-516	WASHER	
33	1			MS21042L5	NUT	
39	1			8143919	LEVER CHAIN HOIST (POWER FIST)	PRINCESS AUTO / 4000 lbs CAPACITY
51	1			S-1475	SPRING	REID SUPPLY
52	1			3408A59	BALL PLUNGER	McMASTER CARR
53	1			HX-15	SOCKET HEAD CAP SCREW 1/2-20 UNC X 0.75 LG	HASKINS
54	1			HX-16	SOCKET HEAD CAP SCREW 1/2-20 UNC X 1.0 LG	HASKINS

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO 84628 NLS
12/05/17

RELEASED
2011-07-29

E	CHANGED D3945-3 MATL TO SS (B8-5); FINISH NOW "NONE" (A7-5); TAP DRILL FOR 1/4-20 UNF-2B WAS PILOT HOLE NOTE (B1-5) PER PAR11-113.	MB	11.07.27
D	SHT 1 PL, ITEMS 51-54 RENUMBERED SEE PREV. REV. FOR DETAILS, ITEM 16 ADDED (VIEWS UPDATED). SHT 2 ZN D3 FLAG RELOCATED. SHT 3 ZONE D3, Ø0.12 HOLE DELETED. (SEE NCR 11-495)	AJS	11.05.16
C	RMV FINISH -041 (ZN A8-2). ADD NEW FINISH -051/-053/-1/-3 (A8-3/-4/-5). ADD CALIBRATION (A8-2), (1) HX-16 WAS HX-15 (B3-1, C3-1). PAR 10-001	CP	10.01.26
B	SHT 1 PL, ITEM 31 WAS AN4-10A, ITEM 32 WAS AN960-416, ITEM 33 WAS MS21042-4, ITEM 43 WAS 0.75 LG. SHEETS 2 - 5 NOTES: FINISH FOR ALL COMPONENTS NOW YELLOW SPRAY PAINT.	AJS	09.10.15
A	NEW ISSUE	AJS	09.05.13
REV.	DESCRIPTION	BY	DATE
DESIGN	DSTON / AJS		
DRAWN			
CHECKED	ASS		
MFG. APPR.			
APPROVED			
DE APPR.	N/A		
DATE	11.07.27		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D3943
REV. E
SHEET 1 OF 5
TITLE
SCALE
GROSS WEIGHT TOW CRANK ASSY NTS

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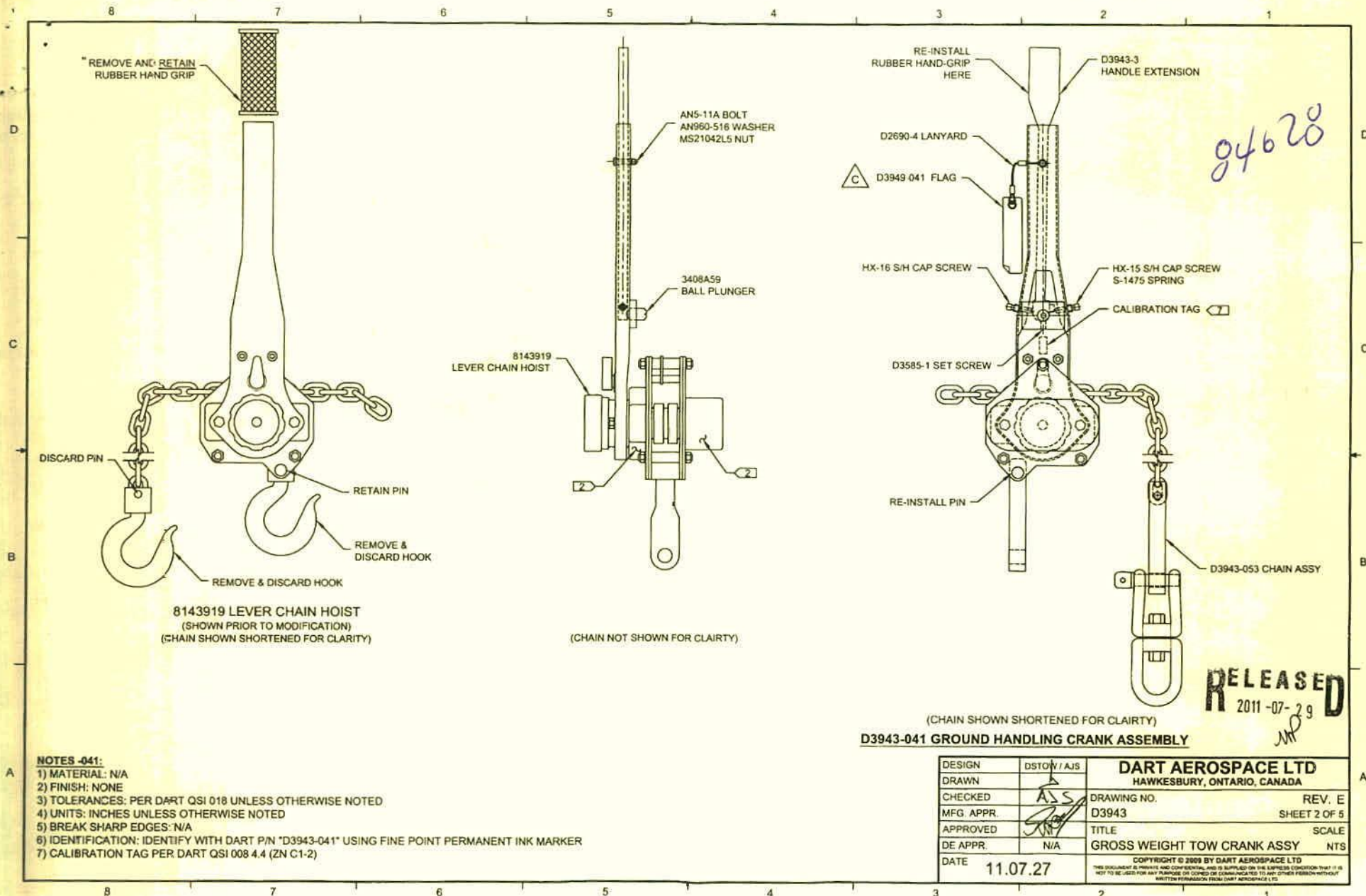
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



W/O:		WORK ORDER CHANGES					
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Ø3943-1 HANDLE

2 PL

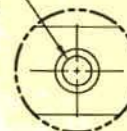
9.75

2.00

Ø0.31
THRU

D3943-7 STUD
2 PL

THREAD $\frac{1}{4}$ -20 UNC-2B
THRU



VIEW A-A A5-3
(SCALE 2X) B5-3

2 PL

9.38
REF

D3943-5 PLATE

D3943-051 HANDLE ASSEMBLY

NOTES -051:

- 1) MATERIAL : N/A
- 2) FINISH: POWDER COAT HYBRID SAFETY YELLOW (4.3.5.12) PER DART QSI 005 4.3
- 3) TOLERANCES: X.XX DIMENSIONS +/- 0.06 ALL OTHERS
PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) MASK ALL THREADS PRIOR TO FINISHING

RELEASED
2011-07-28

DESIGN	DSTOW / AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN		DRAWING NO.	REV. E
CHECKED	ASS	D3943	SHEET 3 OF 5
MFG. APPR.		TITLE	SCALE
APPROVED		GROSS WEIGHT TOW CRANK ASSY	NTS
DE APPR.	N/A	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	11.07.27		

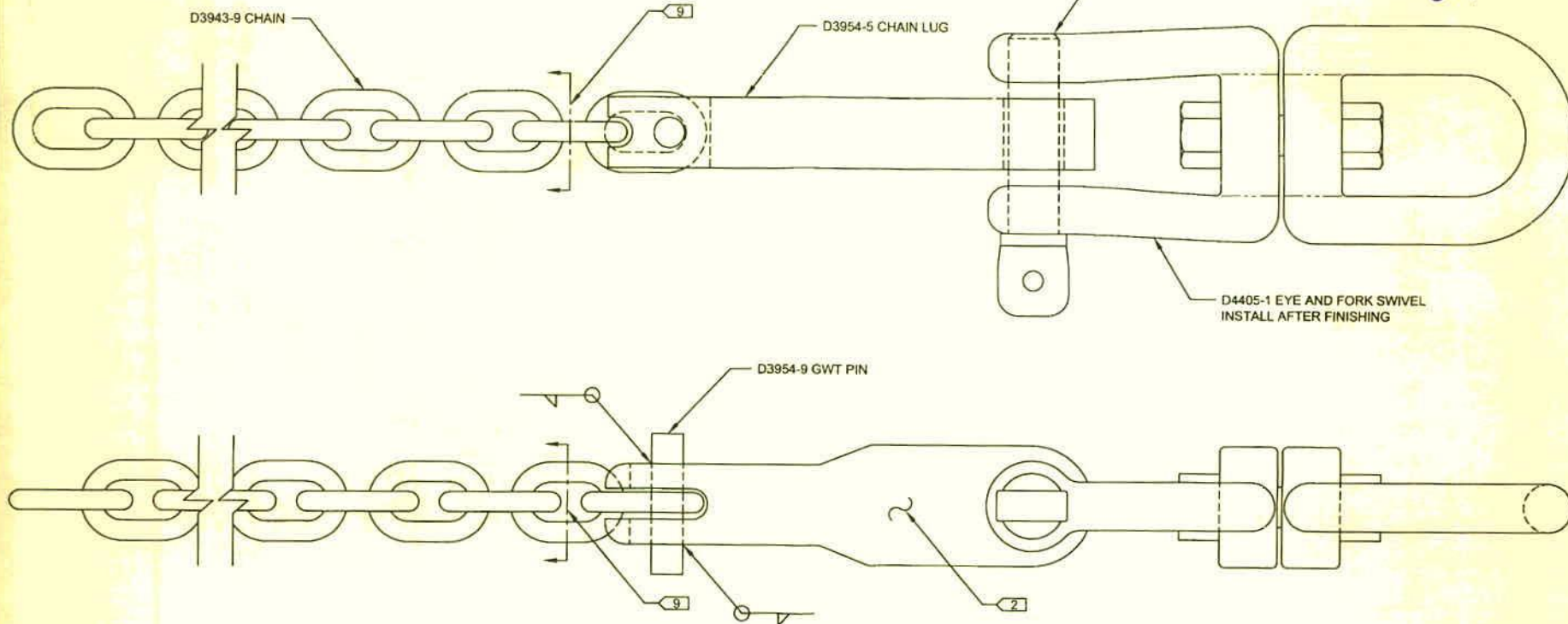
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



D3943-053 CHAIN ASSEMBLY

NOTES -053:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT HYBRID SAFETY YELLOW (4.3.5.12) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELD PER QSI 004
- 9) MASK CHAIN FROM THIS POINT ON PRIOR TO FINISHING

RELEASED
2011-07-29
MD

DESIGN	DSTOW / AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN		DRAWING NO.	REV. E
CHECKED	ASS	D3943	SHEET 4 OF 5
MFG. APPR.		TITLE	SCALE
APPROVED		GROSS WEIGHT TOW CRANK ASSY	NTS
DE APPR.	N/A	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	11.07.27		

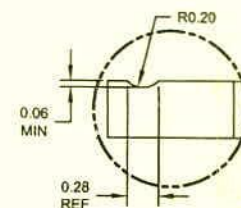
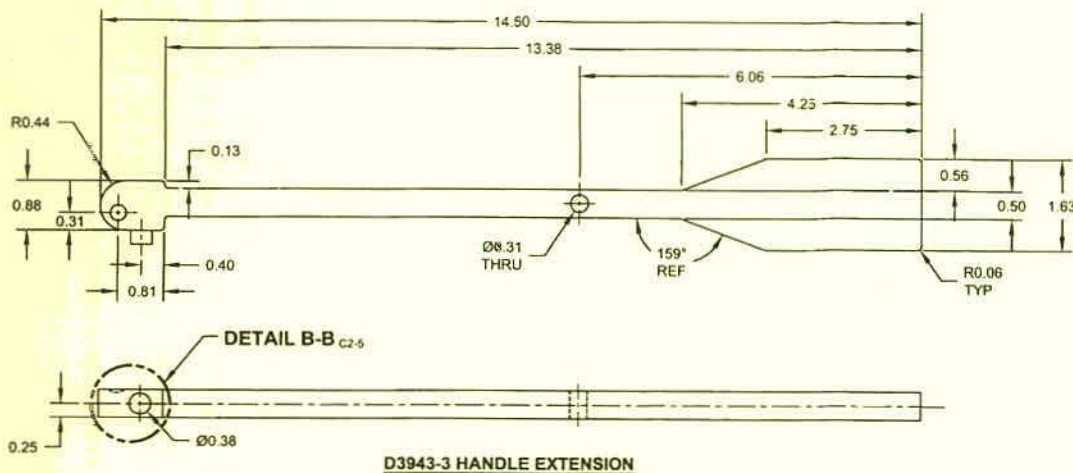
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



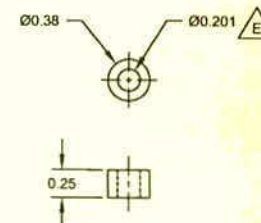
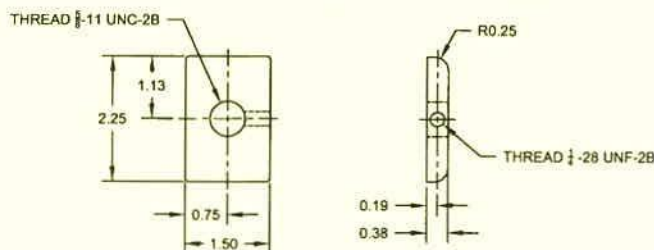
NOTES:

1) MATERIAL -3: AISI 304/316 STAINLESS STEEL SHEET
ANNEALED 2B FINISH PER MIL-S-5059
OR AMS 5513 (304) OR AMS 5524 (316)
OR ASTM A240 OR ASME SA240
REF DART SPEC M304S
OR:
AISI 303 STAINLESS STEEL SHEET
ANNEALED 2B FINISH PER MIL-S-5059
ASTM A240 OR ASME SA240
REF DART SPEC M303S

-5: MILD STEEL, SHEET
AISI 1010-1025 OR ASTM A36/A366/A1008
OR CSA G40-21, 38W/44W/50W/60W/70W
REF DART SPEC M1010-S
OR:
MILD STEEL, BAR
AISI 1010-1025 OR ASTM A36/A366/A569/A570
OR CSA G40-21, 38W/44W/50W/60W/70W
REF DART SPEC M1010-B

-7: MILD STEEL, ROUND BAR
AISI 1018-1025
PER MIL-S-7097
REF DART SPEC M1018-R

2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A



RELEASED
2011-07-28

DESIGN	DSTOW / AJS	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. D3943	REV. E
MFG. APPR.		TITLE	SHEET 5 OF 5
APPROVED		GROSS WEIGHT TOW CRANK ASSY	SCALE
DE APPR			NTS
DATE	11.07.27	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

<p>From E-FULFILLMENT CENTRE 8620 ESCARPMENT WAY MILTON ONTARIO L9T 0M1</p>	<p>To DART AEROSPACE 1270 Aberdeen St Hawkesbury ON K6A 1K7 CAN 613-632-5200</p>
---	---

Order Number	000290310010000	Parcel Number	02488411
Parcel Weight	181.340	PP#:	96618

ASCENT Parcel #

BOSS Parcel #



OTHER

Container: EFC

Item	Description	Qty Shipped
6143919	HOIST CHAIN 2 TON LEVER	6

***** THIS IS NOT AN INVOICE *****

* Thank you for your order - shipping status is available at princessauto.com *

* Questions? Comments? 1-800-665-8685 *

* Merci d'avoir passé votre commande chez Princess Auto! *

* Contactez-nous: 1-800-665-8685 *

* Vous pouvez utiliser votre numéro de commande ou les 4 derniers *

* chiffres de votre numéro de téléphone pour faire un suivi de votre colis. *

Alain Leclair MAIL MAN

613 - 632 6848

Receive Damage



THE UNIQUE WORLD OF

PRINCESS AUTO



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17024

Purchase Order Date 5/22/12

PO Print Date 5/22/12

Page Number 1 of 1

Order From :

VC-PRI001

PRINCESS AUTO LTD.
P.O. BOX 1005
WINNIPEG, MB R3C 2W7
CA

Contact Name

Vendor Phone

613 247 1651

Vendor Fax

613 247 1657

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

ATTN: CHANTAL
FAXED

RECEIVED

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	8143919	Lever Chain Hoist	5/25/12 Yes	6.00 Each	Day & Ross coll	\$159.9900	\$959.94

Special Inst: AS PER DWG D3943 REV. E
B84628
PRINCESS AUTO P/N: 8143919 4000LBS
LEVER CHAIN HOIST

PO Total:

\$959.94

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

Change Nbr: 3

Change Date: 5/22/12

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

CL

Order # 19036795

INTERNAL CALIBRATION CERTIFICATE

Instrument #	Description	Serial #
D3943-041	Ground Handling Crank Assembly	B84628-2

Calibrated by	Date of calibration	Calibrated with	Due	Certificate #
ED	August 13th, 2012	Eng-07		
		25000LBS load cell		

New tool	Disposed	In Repair	On Hold	Being Calibrated

Employee	Department	Comments:
N/A	N/A	MUST BE CALIBRATED WITH IN 1 YEAR OF PURCHASE OR FIRST OPERATION

Spec.	Tolerance is +/-	Result	Pass Fail
3500LBS	3500-3700LBS	3600LBS	PASS

Entered By:
Eric Downing QC Coordinator

DAS
16
8-59 1710813

Handwritten text, likely bleed-through from the reverse side of the page. The text is written in cursive and is mostly illegible due to fading and the quality of the scan. It appears to be a letter or a document, with several lines of text visible. The text is written in dark ink on a light-colored paper.